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3. Terminal disclaimer with disclaimer fee

Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.

A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ _____ for a small entity or \$ _____ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]

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/Tracy W. Druce/

Signature

October 10, 2007

Date

Tracy W. Druce

Typed or printed name

35,493

Registration Number, if applicable

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Houston, Texas 77002

Address

Enclosures: Fee Payment Reply Terminal Disclaimer Form Additional sheets containing statements establishing unintentional delay Other: _____**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]**

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October 10, 2007

Date

/Rose Marie Henderson/

Signature

Rose Marie Henderson (Via: E-File)

Typed or printed name of person signing certificate

Applicant: Mats DANIELSSON et al. Date: 01/20/2004
Filed: 02/12/2002 Docket No. 08730.0008.NPUS01
SN: 09/683,789
For: COLLIMATOR ARRANGEMENT

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/683,769
		Filing Date	12/12/2002
		First Named Inventor	DANIELSSON
		Group Art Unit	2856
		Examiner Name	NOORI
Total Number of Pages in This Submission		Attorney Docket Number	06730.0008.NPUS01

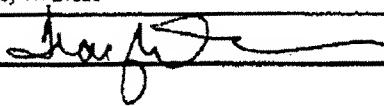
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Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	HOWREY SIMON ARNOLD & WHITE, LLP Tracy W. Druce
	
Date	01/20/2004

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I hereby certify that this correspondence is being delivered to the United States Patent and Trademark Office, Alexandria, VA 22313-1450 on: 20 JAN 2004.

Typed or printed name	Tracy W. Druce		
Signature			
	Date	01/20/2004	

Serial No.: 09/683,769
Confirmation No.: 7865
Applicant: DANIELSSON, Mats *et al.*
Atty. Ref.: 06730.0008.NPUS01

AMENDMENT TO THE TITLE:

Please amend the title of the invention as follows:

TWO POSITION COLLIMATOR ARRANGEMENT

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A beam collimator arrangement for scanned-slot mammography having comprising at least one collimator or several collimators in an x-ray apparatus, said arrangement comprising:

an x-ray source;

an x-ray image receiver positioned to receive x-rays from the x-ray source;

a compressor for compressing a female breast to be examined, said compressor being positionable between the x-ray source and the x-ray image receiver; and

a said beam collimator positioned between the x-ray source and the means compressor for compressing tissue, wherein said beam collimator arrangement is being arranged on a carrying structure to that displaces displaces the beam collimator arrangement between a first position when no x-ray exposure is conducted and a second position before x-ray exposure is initiated, and wherein said first position is vertically and horizontally displaced with respect to the second position.

2. (Currently Amended) The beam collimator arrangement of claim 1, wherein said second position is within a substantially short distance from said compressor.

3. (Currently Amended) The beam collimator arrangement of claim 1, wherein said displacement is in the lateral direction first position is located vertically above the second position.

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4. (Cancelled)

5. (Cancelled)

6. (Currently Amended) A mammography apparatus comprising:

an X-ray source;

an X-ray image receiver positioned to receive X-rays from the X-ray source;

first and second means for compressing tissue, the means being positionable between the X-ray source and the X-ray image receiver and wherein the means further providing a compression surface of predetermined dimensions;

a beam collimator positioned between the X-ray source and the means for compressing tissue; characterized in that said apparatus further comprises means for displacing said beam collimator arrangement to displace the beam collimator arrangement between a first position when no x-ray exposure is conducted and a second position before x-ray exposure is initiated and that the first position is vertically and horizontally displaced with respect to said second position.

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REMARKS:

REMARKS REGARDING CLAIM AMENDMENTS AND EXAMINER'S REJECTIONS:

Claims 1-3 and 6 have been amended and claims 4 and 5 cancelled.

IN RESPONSE TO THE OFFICE ACTION:

FIRST REJECTION UNDER 35 U.S.C. § 103:

Claims 1-6 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Gur et al. (US 4203037) in view of Edic et al. (US 6175609).

Applicants request that the Examiner reconsider and withdraw the above rejection of the claims in view of the following:

Both independent claims 1 and 6 have been amended to clarify that the displacement of the beam collimator arrangement between the first and second positions is both vertical and horizontal (i.e. at least two dimensional). It is clear that Gur '037 (see especially Figs. 1 and 1a) has two collimator means 10 and 12 that longitudinally translate together (i.e. in one dimension only). Moreover, there is no teaching, suggestion or disclosure supporting the combination of Gur '037 with any reference that would include both vertical and horizontal motion.

A similar finding is made in Edic et al. '609 where one dimensional collimator movement is disclosed at col. 2, lines 33-52:

Collimator 76 is configured to move relative to detector array 74 and includes a collimator plate 84 fabricated from x-ray attenuating material and having a plurality of slits, or openings, 86 therein. . . Collimator plate 84 is movable in the z-direction between first and second positions. Collimator manipulator 110 is configured (for example, with electromechanical devices such as motors coupled to drive the collimator plate along tracks aligned with collimator plate axis 130) between a first position 10, a plurality of intermediate positions 15 (illustrated in FIG. 3 as a region in which the collimator plate 84 at least partially overlies the detector array 74), and a second position 20.

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Therefore, in view of the descriptions found in both Gur '037 and Edic et al. '609 there is no disclosure, teaching or suggestion either singly, or in combination, of a vertically and horizontally displaced collimator as presently claimed.

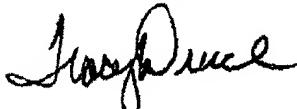
Given the above, Applicant requests that the rejection of claims 1-3 and 6 under 35 U.S.C. §103(a) be reconsidered and withdrawn and that the Examiner indicate the allowance of the claims in the next paper from the Office.

The undersigned representative requests any extension of time that may be deemed necessary to further the prosecution of this application.

The undersigned representative authorizes the Commissioner to charge any additional fees under 37 C.F.R. 1.16 or 1.17 that may be required, or credit any overpayment, to Deposit Account No. 08-3038, referencing Order No. 06730.0008.NPUS01.

In order to facilitate the resolution of any issues or questions presented by this paper, the Examiner should directly contact the undersigned by phone to further the discussion.

Respectfully submitted,



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